

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. Please amend claims as follows:

1. (Canceled)

2. (Currently amended) The image processing method as claimed in claim 1, further comprising: An image processing method for generating a single image group file from a plurality of still images, comprising:

setting an output sequence of the plurality of still images;

adding data indicating a storage location of each of the plurality of still images according to the set output sequence, to a header portion of the single image group file; and

generating compressed coded data of the plurality of still images,

wherein adding the data comprises:

setting thumbnail information of each of the plurality of still images in one or more a plurality of formats; and

adding the thumbnail information with the set formats in the header portion when forming the coded data of each of the plurality of still images.

3-4. (Canceled)

5. (Currently amended) The image processing method as claimed in claim 2, wherein the thumbnail information includes resolution information of the plurality of still images.

6. (Currently amended) The image processing method as claimed in claim 5, wherein the resolution information includes decomposition level information of the plurality of still images.

7. (Currently amended) The image processing method as claimed in claim 5, wherein the thumbnail information includes position information of the plurality of still images.

8. (Original) The image processing method as claimed in claim 7, wherein the position information includes at least one of tile information, precinct information, code block information and pixel position information.

9. (Currently amended) The image processing method as claimed in claim 5, wherein the thumbnail information includes component information of the plurality of still images.

10. (Currently amended) The image processing method as claimed in claim 5, wherein the thumbnail information includes picture quality information of the plurality of still images.

11. (Original) The image processing method as claimed in claim 10, wherein the picture quality information includes layer information and/or bit-plane information.

12. (Currently amended) The image processing method as claimed in claim 5, wherein the thumbnail information includes sub-band information of the plurality of still images.

13. (Canceled)

14. (Currently amended) The image processing apparatus as claimed in claim 13, further comprising: An image processing apparatus for generating a single image group file from a plurality of still images, comprising:
an image sequence setting unit to set an output sequence of the plurality of still images;

a data adding unit to add data indicating a storage location of each of the plurality of still images according to the set output sequence, to a header portion of the single image group file; and

an image compression unit to generate compressed coded data of the plurality of still images,

the data adding unit comprising

a thumbnail setting unit to set thumbnail information of each of the plurality of still images in one or more plurality of formats; and

a thumbnail information adding unit to add the thumbnail information with the set formats in the header portion when forming the coded data of each of the plurality of still images.

15-16. (Canceled)

17. (Currently amended) The image processing apparatus as claimed in claim 14, wherein the thumbnail information includes resolution information of the plurality of still images.

18. (Currently amended) The image processing apparatus as claimed in claim 17, wherein the resolution information includes decomposition level information of the plurality of still images.

19. (Currently amended) The image processing apparatus as claimed in claim 17, wherein the thumbnail information includes position information of the plurality of still images.

20. (Original) The image processing apparatus as claimed in claim 19, wherein the position information includes at least one of tile information, precinct information, code block information and pixel position information.

21. (Currently amended) The image processing apparatus as claimed in claim 17, wherein the thumbnail information includes component information of the plurality of still images.

22. (Currently amended) The image processing apparatus as claimed in claim 17, wherein the thumbnail information includes picture quality information of the plurality of still images.

23. (Original) The image processing apparatus as claimed in claim 22, wherein the picture quality information includes layer information and/or bit-plane information.

24. (Currently amended) The image processing apparatus as claimed in claim 17, wherein the thumbnail information includes sub-band information of the plurality of still images.

25-39. (Canceled)

40. (Currently amended) ~~The image processing method as claimed in claim 38, further comprising: An image processing method for generating a single dynamic image file from a plurality of still images, comprising:~~

setting a reproducing sequence of the plurality of still images;

adding data indicating a storage location of each of the plurality of still images according to the set reproducing sequence, to a header portion of the single dynamic image file; and

generating compressed coded data of the plurality of still images,

where adding the data comprises:

setting thumbnail information of each of the plurality of still images in one or more plurality of formats; and

adding the thumbnail information with the set formats in the header portion when forming the coded data of each of the plurality of still images.

41. (Currently amended) The image processing method as claimed in claim 40, wherein the thumbnail information includes decomposition level information of the plurality of still images.

42. (Currently amended) The image processing method as claimed in claim 41, wherein the resolution information includes a decomposition level information of the plurality of still images.

43. (Currently amended) The image processing method as claimed in claim 40, wherein the thumbnail information includes position information of the plurality of still images.

44. (Original) The image processing method as claimed in claim 43, wherein the position information includes at least one of tile information, precinct information, code block information and pixel position information.

45. (Currently amended) The image processing method as claimed in claim 40, wherein the thumbnail information includes component information of the plurality of still images.

46. (Currently amended) The image processing method as claimed in claim 40, wherein the thumbnail information includes picture quality information of the plurality of still images.

47. (Original) The image processing method as claimed in claim 46, wherein the picture quality information includes layer information and/or bit-plane information.

48. (Currently amended) The image processing method as claimed in claim 40, wherein the thumbnail information includes sub-band information of the plurality of still images.

49-50. (Canceled)

51. (Currently amended) The image processing apparatus as claimed in claim 49, further comprising: An image processing apparatus for generating a single dynamic image file from a plurality of still images, comprising:

an image sequence setting unit to set a reproducing sequence of the plurality of still images;

a data adding unit to add data indicating a storage location of each of the plurality of still images according to the set reproducing sequence, to a header portion of the single dynamic image file; and

an image compression unit to generate compressed coded data of the plurality of still images,

wherein the data adding unit comprises:

a thumbnail setting unit to set thumbnail information of each of the plurality of still images in one or ~~more~~ plurality of formats; and

a thumbnail information adding unit to add the thumbnail information with the set formats in the header portion when forming the coded data of each of the plurality of still images.

52. (Currently amended) The image processing apparatus as claimed in claim 51, wherein the thumbnail information includes decomposition level information of the plurality of still images.

53. (Currently amended) The image processing apparatus as claimed in claim 52, wherein the resolution information includes a decomposition level information of the plurality of still images.

54. (Currently amended) The image processing apparatus as claimed in claim 51, wherein the thumbnail information includes position information of the plurality of still images.

55. (Original) The image processing apparatus as claimed in claim 54, wherein the position information includes at least one of tile information, precinct information, code block information and pixel position information.

56. (Currently amended) The image processing apparatus as claimed in claim 51, wherein the thumbnail information includes component information of the plurality of still images.

57. (Currently amended) The image processing apparatus as claimed in claim 51, wherein the thumbnail information includes picture quality information of the plurality of still images.

58. (Original) The image processing apparatus as claimed in claim 57, wherein the picture quality information includes layer information and/or bit-plane information.

59. (Currently amended) The image processing apparatus as claimed in claim 51, wherein the thumbnail information includes sub-band information of the plurality of still images.

60-72. (Canceled)